



June 2010

[www.ndia-tvc.org/wid-tvc](http://www.ndia-tvc.org/wid-tvc)

Newsletter #3

## WID TVC President's Corner

### Our Chapter

**Cristina Hinkle** *WID-TVC President 2009-2011*



2010 has been another good year for the WID TVC so far. The Membership Reception on Fat Tuesday was focused on Small Businesses and was hugely successful. We had key representatives from government, industry and the community at large. Our Mentorship Luncheon in March featured Deb Alderson, President of SAIC's Defense Solutions Group out of McLean, VA. We had outstanding attendance and she provided the group with great insight and some very good real life stories.

## Upcoming Events 2010

See website for detail [www.ndia-tvc.org/wid-tvc](http://www.ndia-tvc.org/wid-tvc)

### Jul 15 5:00 PM- 7:00PM

*WID-TVC Membership Reception*

### Aug. 16-19

*Space & Missile Defense Conference*  
<http://www.smdconf.org>

### OCT

*WID-TVC 25<sup>th</sup> Anniversary Celebration Luncheon*

## WID-TVC Membership Reception

On Tuesday evening, 16 February 2010, Women in Defense – Tennessee Valley Chapter had a membership appreciation reception at the Marriott, Tranquility Base. The focus of the reception was “Small Business Support to National Defense” with 17 small business sponsoring the event and more than 120 members and guests attending the Mardi Gras themed celebration – complete with the traditional King Cake. Cristina Hinkle, President of the Chapter, welcomed the group and introduced government Small Business Office leaders, Ms. Nancy Small for the US Army Material Command and Mr. Lee Rosenberg from the Missile Defense Agency.

**Carol Tevepaugh**



## Feb. 16, 2010 Mardi Gras



Any questions about WID-TVC just email us at: [wid-tvc@ndia.org](mailto:wid-tvc@ndia.org)

## WID-TVC STEMi

The Tennessee Valley Chapter (TVC) of Women in Defense (WID) is taking an active role in supporting educational needs for the Science, Technology, Engineering, and Mathematics initiative (STEMi) that encourages young people to pursue careers in national defense and national security to eventually replace our aging workforce. WID-TVC support is focused on securing financial backing from similar professional organizations, defense contractors, and local community organizations that will fund the creation of STEMi educational tools for use in middle school and high school classrooms in the TVC area. Four classroom tools are currently being designed and constructed by student teams in the engineering design class of Dr. Christina Carmen in the Aerospace and Mechanical Engineering Department at the University of Alabama in Huntsville for the J.E. Williams Middle School. These tools include the following:

- An orrery that is a mechanical model of the solar system that will display the planets' revolution around the sun and demonstrate eclipses with the sun and moon – for the 6<sup>th</sup> Grade Science Class
- A ballistic pendulum that will demonstrate Newton's laws and energy/momentum conservation – for the 7<sup>th</sup> Grade Science Class
- A catapult that will demonstrate physics principles and the data collection and analysis process – for the 8<sup>th</sup> Grade Science Class
- A CO2 Launch Module that will launch two dragsters down a track to demonstrate propulsion, speed and acceleration – for the Middle School Careers class.

A \$2000 donation was made to the Aerospace and Mechanical Engineering Dept on 24 February 2010 to cover the cost of materials for the construction of the four classroom tools. The check was presented by Debbie Fraley, Director-at-Large of the WID TVC, to Dr. Kader Frendi, Professor and Chair of the Mechanical and Aerospace Engineering Dept at UAH. The photo shows Debbie, Dr. Frendi, and students on the classroom tools design teams. All four classroom tools have been through two formal reviews. The System Requirements Review was conducted in early February and the Preliminary Design Review was conducted in early March. All design teams are doing an outstanding job. The Critical Design Review is upcoming later this month. Delivery of the four classroom tools to William Middle School is planned for the end of the semester.

**Debbie Fraley Director At-Large**

## WID-TVC Mentorship



Mar. 4, 2010 Luncheon



## WID-TVC Mentoring Program

The WID-TVC new Mentoring Programs taking form and eight chapter members have volunteered their time and energy to serve as the program committee during this first formative year. The team, composed of Leigh Christian, Lenita Davis, Melinda Johnson, Cindy Marie Kurt, Edwina Musante, Mikia Potter, Janet Mollica, and Maureen Redler, will work with WID-TVC Board members, Kathy Broad and Paulette Risher to establish a process for matching and tracking protégés with mentors, creating a professional training program, advertising, and managing the process. The goal is to not only create a first-rate mentor-protégé program that will serve the chapter's membership and the community, but one that will be sustainable over time. Look for coming news!